



Certificate of Compliance

Certificate: 1545408

Master Contract: 162037

Project: 2324792

Date Issued: August 11, 2010

Issued to: Barksdale, Inc.
3211 Fruitland Ave.
Los Angeles, CA 90058
USA
Attention: Alan Mason

The products listed below are eligible to bear the CSA Mark shown



David Wood

Issued by: David Wood

PRODUCTS

CLASS 3238 01 - SWITCHES - Automatic - Pressure Type - For Hazardous Locations

Class I, Groups B, C, and D and Class II, Groups E, F, and G.

CSA enclosure: "Type 4"

Pressure operated switches for use in hazardous locations, Series **B1X** and **B2X**, followed by alphanumeric suffixes, Bourdon tube actuated, rated 1200 to 7200 psi.

Pressure operated switches for use in hazardous locations, Series **D1X** and **D2X**, followed by alphanumeric suffixes, diaphragm actuated, rated 3 to 280 psi.

Pressure operated switches, hermetically sealed, for use in hazardous locations Series **HB1X & HB2X**, followed by alphanumeric suffixes, Bourdon tube actuated, rated 1200 to 7200 psi.

Pressure operated switches, hermetically sealed, for use in hazardous locations Series **HD1X & HD2X**, followed by alphanumeric suffixes, diaphragm actuated, rated 3 to 280 psi.

Note: The suffix letters for each of the above series denote certified variations for pressure ratings, electrical ratings, and mechanical differences.

Class I, Division 2, Groups A, B, C, and D

Component Style Hermetically Sealed Switch Models:



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361112-AA1, -AA2, -CC1, -CC2, -GH1, -GH2, -HH1, & -HH2.

361116-AA1, -AA2, -CC1, -CC2, -GH1, -GH2, -HH1, & -HH2.

361117-AA1, -AA2, -CC1, -CC2, -GH1, -GH2, -HH1, & -HH2.

Note: These switches are certified for use in suitable enclosures subject to acceptance by the local inspection authority having jurisdiction.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-M91 - General Requirements - Canadian Electrical Code, Part II

CSA Std C22.2 No. 0.4-M2004 - Bonding of Electrical Equipment (Protective Grounding)

CSA Std C22.2 No. 0.5-1982 - Threaded Conduit Entries

CSA Std C22.2 No. 14-10 - Industrial Control Equipment

CSA Std C22.2 No. 25-1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations

CSA Std C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CSA Std C22.2 No. 55-M1986 - Special Use Switches

CSA Std C22.2 No. 94-M91 - Special Purpose Enclosures 2, 3, 4, and 5

Reference for Component Style Hermetically Sealed Micro Switches only:

CSA Std C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

MARKINGS

Pressure Operated Switch Assemblies:

Submitter's name, or File number 'LR 22354' or master contract number '162037' (adjacent to the CSA mark),

Model designation,

Complete electrical rating,

Maximum working pressure in Pascals,

Hazardous locations designation,

CSA Mark,

A date code (i.e. 830524-year, month, day or date traceable serial number) is ink-stamped on the bottom of the enclosure'



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“Type 4”, enclosure rating.

The following caution re use in Hazardous Locations: “CAUTION – KEEP COVER TIGHT WHILE CIRCUITS ARE ALIVE, DISCONNECT SUPPLY CIRCUITS BEFORE OPENING” or equivalent; and,

The following caution: “A SEAL SHALL BE INSTALLED WITHIN 18 INCHES (460MM) OF THE ENCLOSURE” or equivalent.

These markings, unless otherwise noted, are located on a metal nameplate securely fastened to the enclosure.

Each device is provided with a wire code tag that identifies the circuits according to wire colour and also bears a cautionary statement that the maximum wire size for the terminals is No 14 AWG. The tag is attached to one of the wires of the device.

Component Style Hermetically Sealed Micro Switches:

Submittor’s name, or File number ‘LR 22354’ or master contract number ‘162037’ (adjacent to the CSA mark),

Part number,

Electrical rating,

Terminal identification,

A date code (i.e. 830524-year, month, day or date traceable serial number) is ink-stamped on the bottom,

Hazardous locations rating: Class I, Div. 2, Groups A, B, C, & D,

CSA mark.